

# INTERNATIONAL SEARCH REPORT

International Application No  
PC1/BE2004/000118

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 A61P07/02 A61K39/395 C07K16/36

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C07K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, BIOSIS, Sequence Search

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category * | Citation of document, with indication, where appropriate, of the relevant passages  | Relevant to claim No. |
|------------|---|-----------------------|
| X          | WO 01/04269 A (SAINT REMY JEAN MARIE R ; JACQUEMIN MARC G (BE); LEUVEN RES & DEV VZW) 18 January 2001 (2001-01-18) page 25, line 4 - page 26, line 8 examples 5,7 figures 8,9   | 30,31                 |
| X          | KALLAS ADE ET AL: "Epitope specificity of anti-FVIII antibodies during immune tolerance therapy with factor VIII preparation containing von Willebrand factor." THROMBOSIS RESEARCH, vol. 107, no. 6, 15 September 2002 (2002-09-15), pages 291-302, XP008041463 ISSN: 0049-3848 page 295, right-hand column, paragraph 2 | 26,30,31              |
| ( )        | -/--  | ( )                   |

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

### \* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*Z\* document member of the same patent family

Date of the actual completion of the international search

19 January 2005

Date of mailing of the international search report

02/02/2005

Name and mailing address of the ISA

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## INTERNATIONAL SEARCH REPORT

Inter. Application No  
PCT/BE2004/000118

| C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT |   |                       |
|--|---|-----------------------|
| Category *   | Citation of document, with indication, where appropriate, of the relevant passages  | Relevant to claim No. |
| X  | SINGH INDERJIT ET AL: "Antithrombotic effects of controlled inhibition of factor VIII with a partially inhibitory human monoclonal antibody in a murine vena cava thrombosis model."<br>BLOOD. 1 MAY 2002,<br>vol. 99, no. 9, 1 May 2002 (2002-05-01),<br>pages 3235-3240, XP002314128<br>ISSN: 0006-4971   | 30, 31                |
| A  | the whole document  | 15-19                 |
| A  | WRIGHT A: "ANTIBODY VARIABLE REGION GLYCOSYLATION: POSITION EFFECTS ON ANTIGEN BINDING AND CARBOHYDRATE STRUCTURE"<br>EMBO JOURNAL, OXFORD UNIVERSITY PRESS, SURREY, GB,<br>vol. 10, no. 10,<br>1 October 1991 (1991-10-01), pages<br>2717-2723, XP000219694<br>ISSN: 0261-4189<br>page 2717, right-hand column, lines 25-31<br>page 2720, right-hand column, lines 1-6<br>page 2721, left-hand column, lines 14-17<br>table II | 1-33                  |
| A  | KATO MASATOSHI ET AL: "Activity enhancement of a lung cancer-associated human monoclonal antibody HB4C5 by N-deglycosylation"<br>HUMAN ANTIBODIES AND HYBRIDOMAS,<br>vol. 4, no. 1, 1993, pages 9-14,<br>( ) XP008041607<br>abstract  | 1-33                  |
| A  | SATO KOH ET AL: "Humanization of an anti-human IL-6 mouse monoclonal antibody glycosylated in its heavy chain variable region"<br>HUMAN ANTIBODIES AND HYBRIDOMAS,<br>vol. 7, no. 4, 1996, pages 175-183,<br>XP008041468<br>ISSN: 0956-960X<br>abstract   | 1-33<br>( )           |
| A  | KHURANA SUMIT ET AL: "The variable domain glycosylation in a monoclonal antibody specific to GnRH modulates antigen binding"<br>BIOCHEMICAL AND BIOPHYSICAL RESEARCH COMMUNICATIONS,<br>vol. 234, no. 2, 1997, pages 465-469,<br>XP008041466<br>ISSN: 0006-291X<br>page 467, left-hand column, paragraph 2  | 1-33                  |
|  | -----<br>-/--   |                       |

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International Application No  
PCT/JP2004/000118

| C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT |   |                       |
|--|---|-----------------------|
| Category *   | Citation of document, with indication, where appropriate, of the relevant passages  | Relevant to claim No. |
| A  | EP 0 822 255 A (WELLCOME FOUND)<br>4 February 1998 (1998-02-04)<br>the whole document   | 1                     |
| P,X  | -----<br>DATABASE BIOSIS 'Online!<br>BIOSCIENCES INFORMATION SERVICE,<br>PHILADELPHIA, PA, US;<br>16 November 2003 (2003-11-16),<br>JACQUEMIN MARC G ET AL: "Glycosylation of<br>a type 2 factor VIII inhibitor determines<br>its maximum level of FVIII inhibition."<br>XP002314129<br>Database accession no. PREV200400181293<br>abstract | 1-33                  |
| P,X  | & BLOOD,<br>vol. 102, no. 11,<br>16 November 2003 (2003-11-16), page 163a,<br>45TH ANNUAL MEETING OF THE AMERICAN<br>SOCIETY OF HEMATOLOGY; SAN DIEGO, CA, USA;<br>DECEMBER 06-09, 2003<br>ISSN: 0006-4971<br>-----   | 1-33                  |

## INTERNATIONAL SEARCH REPORT

International application No.  
PCT/BE2004/000118

### Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☒ Claims Nos.: 15-19 (partially)  
because they relate to subject matter not required to be searched by this Authority, namely:  
  
Although claims 15-19 are directed to a method of treatment of the human/animal body, the search has been carried out and based on the alleged effects of the compound/composition.
2. ☐ Claims Nos.:  
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:  
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

### Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this International application, as follows:

1. ☒ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee. ( )
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/BE2004/000118

| Patent document<br>cited in search report |   | Publication<br>date | Patent family<br>member(s) | Publication<br>date |
|---|---|---------------------|----------------------------|---------------------|
| WO 0104269                                | A | 18-01-2001          | AU 6273000 A               | 30-01-2001          |
|   |   |                     | CA 2381125 A1              | 18-01-2001          |
|   |   |                     | WO 0104269 A1              | 18-01-2001          |
|   |   |                     | EP 1194528 A1              | 10-04-2002          |
|   |   |                     | JP 2003504045 T            | 04-02-2003          |
| EP 0822255                                | A | 04-02-1998          | EP 1247865 A2              | 09-10-2002          |
|   |   |                     | EP 0822255 A2              | 04-02-1998          |
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|   |   |                     | AU 645355 B2               | 13-01-1994          |
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|   |   |                     | US 2002182208 A1           | 05-12-2002          |
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